

NOTES ON WEST INDIAN ORCHIDS, III *

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IN PREPARING THE generic descriptions of orchids for the projected *Flora of the Lesser Antilles* by Dr. Richard A. Howard of Harvard University, it became necessary to typify each generic name reported from that area in order to arrive at a correct circumscription. During our studies we have found that some of the early lectotypifications are incorrect due to random choices. Indirect lectotypifications through the removal of specific epithets by transfers have also been ignored. We have compared and have brought each known typification into line with the principles expressed in the "Guide for the determination of types," published in the *International Code of Botanical Nomenclature*. As a result of this procedure we are presenting with sundry comments a list of typifications of those generic names of orchids (whether currently accepted or synonymous) which are reported from the West Indies, the Greater Antilles and the Lesser Antilles, excluding Trinidad, Tobago, and the off-shore continental islands of northern South America.

Achroanthes Raf. in Am. Monthly Mag. Crit. Rev. 4: 195. Jan. 1819.

TYPE: *Malaxis ophioglossoides* Willd.

OBSERVATION: This name is based on *Malaxis* subgenus *Microstylis* Nutt.

The name was rejected in 1954 in favor of *Microstylis* (Nutt.) A. Eaton.

It is a synonym of *Malaxis* Soland. ex Sw.

Acraea Lindl. in Benth. Pl. Hartweg. 155. Aug. 1845.

TYPE: *Acraea parvifolia* Lindl.

OBSERVATION: It is a synonym of *Pterichis* Lindl.

Adnula Raf. Fl. Tellur. 2: 87. Jan.—Mar. 1837.

TYPE: *Satyrium adnatum* Sw.

OBSERVATION: A superfluous name based on the type of the genus *Pelexia* Poit.

ex Lindl. It is a synonym of *Spiranthes* L. C. Rich.

Alipsa Hoffmsgg. Verz. Orch. 20. 1842.

TYPE: *Ophrys Loeselii* L.

OBSERVATION: This is an illegitimate name and a synonym of *Liparis* L. C.

Rich.

Amalia Rchb. Herbarienb. Nomencl. 52. no. 1974. July 1841.

LECTOTYPE: *Bletia grandiflora* La Llave & Lex.

OBSERVATION: This is a new name for *Laelia* Lindl. 1831, not Adanson 1763.

The name was rejected in 1935; it is a synonym of *Laelia* Lindl.

* In this series, No. I was published in the Journal of the Arnold Arboretum 50: 462–468. 1969; No. II, *Ibid.* 53: 390–398. 1972.

Amphiglottium Lindl. ex Stein, Orchideenbuch 66. 1892.

TYPE: *Epidendrum secundum* Jacq.

OBSERVATION: It is a synonym of *Epidendrum* L.

Anacheilium Hoffmsgg. Verz. Orch. 21. 1842.

TYPE: *Epidendrum cochleatum* L.

OBSERVATION. It is a synonym of *Epidendrum* L.

Arpophyllum La Llave & Lex. Nov. Veg. Descr. Orch. Opus 2: 19. 1825.

TYPE: *Arpophyllum spicatum* La Llave & Lex.

Auliza Salisb. ex Small, Fl. Miami 55. Apr. 26, 1913.

TYPE: *Epidendrum nocturnum* L.

OBSERVATION: It is a synonym of *Epidendrum* L.

Aulizeum Lindl. ex Stein, Orchideenbuch 84. 1892.

TYPE: *Epidendrum ciliare* L.

OBSERVATION: It is a synonym of *Epidendrum* L.

Basiphyllaea Schltr. in Fedde Repert. Sp. Nov. 17: 77. Apr. 1, 1921.

TYPE: *Bletia sarcophylla* Rchb. f.

Beadlea Small, Fl. SE. U.S. 319. July 1903.

TYPE: *Spiranthes Storeri* Chapm.

OBSERVATION: It is a synonym of *Spiranthes* L. C. Rich.

Bletia Ruiz & Pav. Fl. Peru. Prodr. 119. t.26. Oct. 1794.

LECTOTYPE: *Bletia catenulata* Ruiz & Pav.

OBSERVATION: Lectotype was chosen by Britton & Millspaugh, Bahama Flora 96. 1920.

Brachionidium Lindl. Folia Orch. Brachionidium 1. Mar. 10, 1859.

LECTOTYPE: *Restrepia parvifolia* Lindl.

OBSERVATION: Lectotype was chosen by Garay in Canad. Jour. Bot. 34: 729 1956.

Brassavola R. Br. in Ait. Hort. Kew. ed. 2. 5: 215. Dec. 1813.

TYPE: *Epidendrum cucullatum* L.

Brassia R. Br. in Ait. Hort. Kew. ed. 2. 5: 215. Dec. 1813.

TYPE: *Brassia maculata* R. Br.

Broughtonia R. Br. in Ait. Hort. Kew. ed. 2. 5: 217. Dec. 1813.

TYPE: *Epidendrum sanguineum* Sw.

Bolbophyllaria Rchb. f. in Bot. Zeit. 10: 934. Dec. 31, 1852.

TYPE: *Bulbophyllum bracteolatum* Lindl.

OBSERVATION: This is a synonym of *Bulbophyllum* Thou.

Bulbophyllum Thou. Hist. Pl. Orch. trois. tabl. esp. Mar. 11, 1822.

LECTOTYPE: *Bulbophyllum nutans* Thou.

OBSERVATION: The genus was conserved in 1905. The lectotype was chosen by Green, Prop. Brit. Bot. 100. 1929.

Burlingtonia Lindl. in Bot. Reg. 23: t. 1927. Jan. 1, 1837.

TYPE: *Burlingtonia candida* Lindl.

OBSERVATION: This is a synonym of *Rodriguezia* Ruiz & Pav.

Calanthe R. Br. in Bot. Reg. 7: sub t. 573. Oct. 1, 1821.

TYPE: *Orchis triplicata* Willem.

OBSERVATION: The genus was conserved in 1905.

Calopogon R. Br. in Ait. Hort. Kew. ed. 2. 5: 204. Dec. 1813.

TYPE: *Limodorum tuberosum* L.

OBSERVATION: The genus was conserved in 1905.

Camaridium Lindl. in Bot. Reg. 10: t. 844. Nov. 1, 1824.

TYPE: *Camaridium ochroleucum* Lindl.

OBSERVATION: This is a synonym of *Maxillaria* Ruiz & Pav.

Campylocentrum Benth. in Jour. Linn. Soc. Bot. 18: 337. Feb. 23, 1881.

TYPE: *Todaroa micrantha* Rich. & Gal.

OBSERVATION: This is a new name for *Todaroa* Rich. & Gal. 1845, not Parlatore 1843.

Carteria Small in Torreyia 10: 187. Aug. 1910, not Diesing 1866.

TYPE: *Carteria corallicola* Small.

OBSERVATION: This is a synonym of *Basiphyllaea* Schltr.

Cattleya Lindl. Coll. Bot. t. 33. 1821.

TYPE: *Cattleya labiata* Lindl.

Cattleyopsis Lem. Jard. Fleur. 4: Misc. p. 59, no. 165. Aug. 1, 1853.

TYPE: *Cattleyopsis delicatula* Lem.

Centrogenium Schltr. in Beih. Bot. Centralbl. 37(2): 451. Mar. 31, 1920.

LECTOTYPE: *Neottia calcarata* Sw.

OBSERVATION: Lectotype was chosen by Correa in Darwiniana 11: 81. 1955.

This is a synonym of *Eltroplectris* Raf.

Chloidia Lindl. Gen. and Sp. Orch. Pl. 484. Sept. 1840.

LECTOTYPE: *Serapias polystachya* Sw.

OBSERVATION: Lectotype was chosen indirectly by Cogniaux in Martius Fl.

Bras. 3(4): 276. 1895. This is a synonym of *Tropidia* Lindl.

Chloraea Lindl. in Quart. Jour. Sci. 23: 47. Mar. 1827.

TYPE: *Cymbidium luteum* Willd.

OBSERVATION: The genus *Chloraea* was first suggested by Lindley in his Collectanea Botanica Appendix No. 12. Jan. 1826. He clearly indicated that he was basing it on "*Epipactis &c Gavilu, Feuillée.*" This reference is applicable only to two plants depicted by Feuillée in Jour. Observ. Bot. 2: 1714; the first on t. 18 as *Epipactis flore albo vulgo Gavilu*, and the second on t. 20 as *Epipactis amplo flore luteo, vulgo Gavilu*.

In describing the genus *Chloraea*, Lindley included among the nine species only one of Feuillée's plants, namely the second polynomial mentioned on plate 20, calling it *Chloraea Gavilu* Lindl. Unfortunately this is an illegitimate name for Lindley included *Cymbidium luteum* Willd., also based on the same polynomial, in synonymy.

The recent choice of *Cymbidium virescens* Willd. for a lectotype by Correa in *Flora Patagonica* 7(2): 200. 1970, is incorrect.

- Cleisthes** L. C. Rich. ex Lindl. *Gen. and Sp. Orch. Pl.* 409. Feb. 1840.
 TYPE: *Limodorum grandiflorum* Aubl.
 OBSERVATION: Type was originally suggested by L. C. Richard, *Orch. Eur. Annot.* 9. 1817.
- Cochleanthes** Raf. *Fl. Tellur.* 4: 45. (July) 1838.
 TYPE: *Zygopetalum cochleare* Lindl.
- Coelia** Lindl. *Gen. and Sp. Orch. Pl.* 36. Apr. 1830.
 TYPE: *Epidendrum tripterum* Sm.
- Comparettia** Poepp. & Endl. *Nov. Gen. ac Sp. Pl.* 1: 42. May 28, 1836.
 LECTOTYPE: *Comparettia falcata* Poepp. & Endl.
 OBSERVATION: Lectotype was chosen indirectly by Reichenbach in *Walp. Ann. Bot. Syst.* 6: 689. 1863, when he transferred *C. saccata* Poepp. & Endl. to the genus *Scelochilus*. Therefore, the lectotypification by Britton & Wilson, *Sci. Surv. Porto Rico* 5(2): 211. 1924 is not tenable.
- Corallorrhiza** Gagneb. in *Acta Helv.* 2: 61. Feb. 1755.
 TYPE: *Ophrys Corallorrhiza* L.
- Corydandra** Rchb. *Herbarienb. Nomencl.* 53. no. 2047. July 1841.
 TYPE: *Galeandra Baueri* Lindl.
 OBSERVATION: This is merely an illegitimate new name for *Galeandra* Lindl.
- Corymborkis** Thou. in *Nouv. Bull. Sci. Soc. Philom. Paris*, ser. 2. 1: 318. Apr. 1809.
 TYPE: *Corymborkis corymbosa* Thou.
 OBSERVATION: The type is provided in *Thou. Hist. Pl. Orch. t.* 37. 1822.
- Cranichis** Sw. *Nov. Gen. & Sp. Pl., Prodr.* 8. July 1788.
 LECTOTYPE: *Cranichis muscosa* Sw.
 OBSERVATION: Lectotype was chosen by Acuña in *Bol. Tec. Cuba* 60: 48. 1939.
- Cryptarrhena** R. Br. in *Bot. Reg.* 2: t. 153. Nov. 1, 1816.
 TYPE: *Cryptarrhena lunata* R. Br.
- Cryptophoranthus** Barb. *Rodr. Gen. et Sp. Orch. Nov.* 2: 79. 1882.
 LECTOTYPE: *Pleurothallis fenestrata* Barb. *Rodr.*
 OBSERVATION: Lectotype was chosen by Acuña in *Bol. Tec. Cuba* 60: 115. 1939.
- Cybelion** Spreng. *Syst. Veg.* 3: 679. Jan–June 1826.
 TYPE: *Ionopsis pulchella* H. B. K.
 OBSERVATION: This is an illegitimate new name for *Ionopsis* H. B. K. and is a synonym of that generic name.
- Cyclopogon** Presl, *Rel. Haenk.* 1: 93. 1827.
 TYPE: *Cyclopogon ovalifolium* Presl.
 OBSERVATION: This is a synonym of *Spiranthes* L. C. Rich.

Cycloptera Endl. ex Jackson in Ind. Kew. 1: 680. Sept. 6, 1893.

TYPE: *Cyclopogon ovalifolium* Presl.

OBSERVATION: This is a synonym of *Spiranthes* L. C. Rich.

Cyrtopera Lindl. Gen. and Sp. Orch. Pl. 189. Jan. 1833.

LECTOTYPE: *Cyrtopodium Woodfordii* Sims.

OBSERVATION: Lectotype was chosen by A. Richard in D'Orbigny, Dict. Hist. Nat. 4: 561. 1844. This is a synonym of *Eulophia* R. Br.

Cyrtopodium R. Br. in Ait. Hort. Kew. ed. 2. 5: 216. Dec. 1813.

TYPE: *Cymbidium Andersonii* Lamb. ex Andr.

Dendrophylax Rchb. f. in Walp. Ann. Bot. Syst. 6: 903. Dec. 1864.

TYPE: *Dendrophylax hymenanthus* Rchb. f.

Dichaea Lindl. Gen. and Sp. Orch. Pl. 208. Apr. 1833.

TYPE: *Epidendrum echinocarpum* Sw.

OBSERVATION: The type was suggested by Lindley first in Bot. Reg. 18: sub t. 1530. Oct. 1, 1832. Lindley described *Dichaea* a second time in Hook. Jour. Bot. 1: 5. 1834 with *D. panamensis* as the type.

Dichaeopsis Pfitzer, Entwurf Nat. Anord. Orch. 93. 1887.

LECTOTYPE: *Epidendrum graminoides* Sw. in hoc loco.

OBSERVATION: This is a synonym of *Dichaea* Lindl.

Dicrypta Lindl. Gen. and Sp. Orch. Pl. 44. May 1830.

TYPE: *Dicrypta Baueri* Lindl.

OBSERVATION: This is a synonym of *Maxillaria* Ruiz & Pav.

Dienia Lindl. in Bot. Reg. 10: sub t. 825. Sept. 1, 1824.

TYPE: *Dienia congesta* Lindl.

OBSERVATION: This is a synonym of *Malaxis* Soland. ex Sw.

Dilomilis Raf. Fl. Tellur. 4: 43. (July) 1838.

TYPE: *Octomeria serratifolia* Hook.

Dinema Lindl. Gen. and Sp. Orch. Pl. 111. Aug. 1831.

TYPE: *Epidendrum polybulbon* Sw.

OBSERVATION: Type originally suggested by Lindley in his Collectanea Botanica, Appendix No. 125. Jan. 1826. The generic name is a synonym of *Epidendrum* L.

Domingoa Schltr. in Urban, Symb. Antill. 7: 496. Aug. 15, 1913.

LECTOTYPE: *Epidendrum hymenodes* Rchb. f.

OBSERVATION: Lectotype was chosen by Acuña in Bol. Tec. Cuba 60: 64. 1939.

Dothilis Raf. Fl. Tellur. 2: 60 Jan.—Mar. 1837.

TYPE: *Neottia grandiflora* Hook.

OBSERVATION: This is a synonym of *Chloraea* Lindl.

Elleanthus Presl, Rel. Haenk. 1: 97. 1827.

LECTOTYPE: *Elleanthus lancifolius* Presl.

OBSERVATION: Lectotype was chosen by Britton & Wilson, Sci. Surv. Porto Rico 5(2): 203. 1924.

Eltroplectris Raf. Fl. Tellur. 2: 51. Jan.–Mar. 1837.

TYPE: *Neottia calcarata* Sw.

Encyclia Hook. in Bot. Mag. 55: t. 2831. June 1, 1828.

TYPE: *Encyclia viridiflora* Hook.

OBSERVATION: This is a synonym of *Epidendrum* L.

Enothrea Raf. Fl. Tellur. 4: 43. (July) 1838.

TYPE: *Epidendrum graminifolium* L.

OBSERVATION: This is a synonym of *Octomeria* R. Br.

Epicladium Small, Fl. Miami 56. Apr. 26, 1913.

TYPE: *Epidendrum Boothianum* Lindl.

OBSERVATION: This is a synonym of *Epidendrum* L.

Epidendrum L. Sp. Pl. ed. 1. 2: 952. May 1, 1753 (Aug. 16, 1753).

LECTOTYPE: *Epidendrum nodosum* L.

OBSERVATION: Lectotype was chosen by Britton & Wilson, Sci. Surv. Porto Rico 5(2): 203. 1924. This generic name was rejected in 1930; it is a synonym of *Brassavola* R. Br.

Epidendrum L. Sp. Pl. ed. 2. 2: 1347. July 1763.

LECTOTYPE: *Epidendrum nocturnum* Jacq.

OBSERVATION: This generic name has been conserved with the above given type in 1930. Lectotype was chosen by Sprague in Prop. Brit. Bot. 53. 1929.

Epistephium Kunth, Syn. Pl. Equinoct. 1: 340. Dec. 9, 1822.

TYPE: *Epistephium elatum* Kunth.

Epithecia Knowles & Westcott, Fl. Cab. 2: 167. Jan. 1839.

TYPE: *Prosthechea glauca* Knowles & Westcott.

OBSERVATION: The type of this genus has been confused with *Epidendrum glaucum* Sw. 1788, because of Lindley's transfer of it to *Epidendrum glaucum* (Knowles & Westcott) Lindl. in 1840. Hence this generic name was considered by Kuntze in 1903 and by Schlechter in 1914 to be a synonym of *Dichaea* Lindl. and *Dichaeopsis* Pfitz. respectively. It is, however, as Lindley's transfer indicates, a synonym of *Epidendrum* L.

Erythrodes Bl. Bijdr. 6: t. 1, f. 72. June 1825.

TYPE: *Erythrodes latifolia* Bl.

OBSERVATION: The type is given by Blume in Bijdr. 8: 411. July 1825.

Eulophia R. Br. ex Lindl. in Bot. Reg. 8: t. 686. Feb. 1, 1823, not Agardh, 1822.

TYPE: *Eulophia guineensis* Lindl.

OBSERVATION: This generic name was conserved in 1905 and typified by Green in 1929 by *Eulophia barbata* Spreng. which was adopted by the 5th International Botanical Congress in 1930. However, *Eulophia barbata* is one of the main species upon which Pfitzer based his new genus *Acrolophia* in 1887. In segregating *Acrolophia*, Pfitzer explicitly typified *Eulophia* by *E. guineensis* Lindl. in his *Entwurf einer natuerlichen Anordnung der Orchideen* p. 59, 1887. Summerhayes and Hall in Taxon 11: 203. 1962 proposed changing the conserved type from *E. barbata* to *E. guineensis*. No action

has yet been taken by either the 10th or 11th International Botanical Congresses.

Eurystyles Wawra in Oesterr. Bot. Zeitschr. 13: 223. July 1863.

TYPE: *Eurystyles cotyledon* Wawra.

Evelyna Poepp. & Endl. Nov. Gen. ac Sp. Pl. 1: 32. May 28, 1836.

LECTOTYPE: *Evelyna capitata* Poepp. & Endl.

OBSERVATION: Lectotype was chosen by Pfeiffer, Nomencl. Bot. 1(2): 1321. 1874. It is a synonym of *Elleanthus* Presl.

Fractiunguis Schltr. in Anex. Mem. Inst. Butantan, Bot. 1(4): 55. Mar. 1922.

LECTOTYPE: *Hexisea reflexa* Rchb. f.

OBSERVATION: Lectotype was chosen by Acuña in Bol. Tec. Cuba 60: 89. 1939. This is a synonym of *Reichenbachanthus* Barb. Rodr.

FuertesIELla Schltr. in Urban, Symb. Antill. 7: 492. Aug. 15, 1913.

TYPE: *FuertesIELla pterichoides* Schltr.

Galeandra Lindl. in Bauer & Lindley, Ill. Orch. Pl., Gen. t. 8. 1832.

TYPE: *Galeandra Baueri* Lindl.

Ghiesbreghtia Rich. & Gal. in Ann. Sci. Nat. ser. 3. 3: 28. Jan. 1845.

TYPE: *Ghiesbreghtia calanthoides* Rich. & Gal.

OBSERVATION: This is a synonym of *Calanthe* R. Br.

Goodyera R. Br. in Ait. Hort. Kew. ed. 2. 5: 197. Dec. 1813.

LECTOTYPE: *Satyrium repens* L.

OBSERVATION: Lectotype was chosen by Sprague in Jour. Bot. 64: 113. 1926. This generic name was conserved with the above given lectotype in 1930.

Govenia Lindl. in Lodd. Bot. Cab. 18: t. 1709. July 1831.

TYPE: *Maxillaria superba* La Llave & Lex.

Gyrostachys Pers. ex Bl. Coll. Orch. 127. 1859.

LECTOTYPE: *Ophrys spiralis* L.

OBSERVATION: Lectotype was chosen by O. Kuntze, Rev. Gen. Pl. 2: 663. 1891. This generic name was rejected in 1905; it is a synonym of *Spiranthes* L. C. Rich.

Habenaria Willd. Sp. Pl. 4: 44. 1805.

LECTOTYPE: *Orchis Habenaria* L.

OBSERVATION: The correct lectotype was chosen first by Kraenzlin in Engl., Bot. Jahrb. 16: 58. 1892. The choice of *Orchis monorrhiza* Sw. for the lectotype by Lindley in Bot. Reg. 18: sub t. 1499. 1832, does not carry the appropriate name.

Hapalorchis Schltr. in Beih. Bot. Centralbl. 37(2): 362. Mar. 31, 1920.

LECTOTYPE: *Sauroglossum candidum* Krzl.

OBSERVATION: Lectotype was chosen by Britton & Wilson, Sci. Surv. Porto Rico 5(2): 186. 1924. Schlechter at the time of publication recognized four species, but all four have been united under *Spiranthes lineata* Lindl. by Garay & Dunsterville, Venez. Orch. Ill. 4: 278. 1966. This is a synonym of *Spiranthes* L. C. Rich.

- Harrisella* Fawcett & Rendle in Jour. Bot. 47: 265. July 1909.
 TYPE: *Aeranthus porrectus* Rchb. f.
 OBSERVATION: This is a synonym of *Campylocentrum* Benth.
- Heterotaxis* Lindl. in Bot. Reg. 12: t. 1028. Dec. 1, 1826.
 TYPE: *Heterotaxis crassifolia* Lindl.
 OBSERVATION: This is a synonym of *Maxillaria* Ruiz & Pav.
- Hexadesmia* Brongn. in Ann. Sci. Nat. ser. 2. 17: 44. Jan. 1842.
 TYPE: *Hexadesmia fasciculata* Brongn.
- Homalopetalum* Rolfe in Hook. Icon. Pl. 25: t. 2461. May 1896.
 TYPE: *Homalopetalum jamaicense* Rolfe.
- Hormidium* Lindl. ex Haynhold, Nom. Bot. 2: 880. 1840.
 TYPE: *Epidendrum uniflorum* Lindl.
 OBSERVATION: The type was chosen by Lindley in Bot. Reg. 25: Misc. p. 16. 1839. This is a synonym of *Epidendrum* L.
- Humboldtia* Ruiz & Pav. Fl. Peru. Prodr. 121. Oct. 1794 ("*Humboltia*"), not Vahl 1794.
 LECTOTYPE: *Humboldtia purpurea* Ruiz & Pav., in hoc loco.
 OBSERVATION: The orthography has been corrected by Ruiz & Pav. Syst. Veg. 233. Dec. 1798. For the explanation of lectotype see *Stelis* Sw. of which it is a synonym.
- Ibidium* Salisb. ex Small, Fl. SE. U.S. ed. 2. 318. Apr. 23, 1913.
 LECTOTYPE: *Ophrys spiralis* L.
 OBSERVATION: Lectotype was chosen by House in Bull. Torr. Bot. Club 32: 380. 1905. This is a synonym of *Spiranthes* L. C. Rich.
- Ionopsis* H. B. K. Nov. Gen. et Sp. Pl. 1: 348. Aug. 1816.
 TYPE: *Ionopsis pulchella* H. B. K.
- Isochilus* R. Br. in Ait. Hort. Kew. ed. 2. 5: 209. Dec. 1813.
 LECTOTYPE: *Epidendrum lineare* Jacq.
 OBSERVATION: Lectotype was chosen indirectly by Reichenbach in Bonplandia 2: 22. 1854.
- Jacquiniella* Schltr. in Fedde Repert. Sp. Nov. Beih. 7: 123. Jan. 31, 1920.
 LECTOTYPE: *Epidendrum globosum* Jacq.
 OBSERVATION: Lectotype was chosen by Britton & Wilson, Sci. Surv. Porto Rico 5(2): 197. 1924.
- Koellensteinia* Rchb. f. in Bonplandia 2: 17. Jan. 15, 1854.
 TYPE: *Koellensteinia Kellneriana* Rchb. f.
- Laelia* Lindl. Gen. and Sp. Orch. Pl. 115. Aug. 1831, not Adanson 1763.
 LECTOTYPE: *Bletia grandiflora* La Llave & Lex.
 OBSERVATION: Lectotype was chosen by Dandy in Kew Bull. 86. 1935. This generic name was conserved in 1935.
- Laeliopsis* Lindl. in Lindl. & Paxton, Fl. Gard. 3: 155. t. 105. Jan. 1853.
 TYPE: *Cattleya domingensis* Lindl.

Lankesterella Ames, Sched. Orch. 4: 3. May 4, 1923.

TYPE: *Lankesterella costaricensis* Ames.

Leochilus Knowles & Westcott, Fl. Cab. 2: 143. Nov. 1838.

TYPE: *Leochilus oncidoides* Knowles & Westcott.

Lepanthes Sw. in Nov. Act. Soc. Sci. Upsala 6: 85. 1799.

LECTOTYPE: *Epidendrum ovale* Sw. (*Lepanthes concinna* Sw. nom. illeg.)

OBSERVATION: Lectotype was chosen by Britton & Wilson, Sci. Surv. Porto Rico 5(2): 206. 1924.

Lepanthopsis Ames in Bot. Mus. Leaf. Harv. Univ. 1(9): 3. Aug. 12, 1933.

TYPE: *Pleurothallis floripecten* Rchb. f.

Leucohyle Klotzsch in Ind. Sem. Hort. Berol. App. 1. 1854.

TYPE: *Leucohyle Warszewiczii* Kl.

Limodorum L. Sp. Pl. ed. 1. 2: 950. May 1, 1753 (Aug. 16, 1753).

LECTOTYPE: *Limodorum tuberosum* L.

OBSERVATION: Lectotype was chosen by Britton & Brown, Ill. Fl. No. U.S. and Canada, ed. 2. 1: 562. 1913. This generic name was rejected in 1935 and is a synonym of *Calopogon* R. Br.

Liparis L. C. Rich. Orch. Eur. Annot. 21. Sept. 1817.

TYPE: *Ophrys Loeselii* L.

OBSERVATION: The genus was conserved in 1905, and the type was conserved in 1930.

Lycaste Lindl. in Bot. Reg. 28: Misc. p. 85, no. 96. Dec. 1842.

TYPE: *Lycaste plana* Lindl.

OBSERVATION: The description of *Lycaste plana* must be regarded as a combined "descriptio generico-specifica" according to Article 42 of the *International Code of Botanical Nomenclature*, notwithstanding Lindley's newly published diagnosis in Bot. Reg. 29: Misc. p. 14. Feb. 1843. The choice of *Lycaste macrophylla* Lindl. by Acuña in Bol. Tec. Cuba 60: 165. 1939 is incorrect.

Lysimnia Raf. Fl. Tellur. 4: 143. (July) 1838.

TYPE: *Brassavola cordata* Lindl.

OBSERVATION: This is a synonym of *Brassavola* R. Br.

Macradenia R. Br. in Bot. Reg. 8: t. 612. Mar. 1, 1822.

TYPE: *Macradenia lutescens* R. Br.

Malaxis Soland. ex Sw. Nov. Gen. & Sp. Pl., Prodr. 8. July 1788.

LECTOTYPE: *Malaxis spicata* Sw.

OBSERVATION: Lectotype was chosen by Britton & Brown, Ill. Fl. No. U.S. and Canada, ed. 2. 1: 570. 1913. The choice of *Malaxis Rheedii* Sw. by Ascherson, Fl. Prov. Brandenb. 1: 699. Apr. 1864 is incorrect for it was not part of the original protologue.

Masdevallia Ruiz & Pav. Fl. Peru. Prodr. 122. Oct. 1794.

TYPE: *Masdevallia uniflora* Ruiz & Pav.

OBSERVATION: The type was first suggested in Ruiz & Pavón, Syst. Veg. 238. 1798.

Maxillaria Ruiz & Pav. Fl. Peru. Prodr. 116. Oct. 1794.

LECTOTYPE: *Maxillaria ramosa* Ruiz & Pav., *in hoc loco*.

OBSERVATION: A new lectotype is selected here, because the former typifications are incorrect. The choice of *Maxillaria longipetala* Ruiz & Pav. by Acuña in Bol. Tec. Cuba 60: 171. 1939, is not tenable because of the transfer of this epithet to *Lycaste longipetala* (Ruiz & Pav.) Garay in Caldasia 8: 524. 1962. The choice of *Maxillaria platypetala* Ruiz & Pav. by Brieger and Hunt in Taxon 18: 602. 1969 is equally untenable for the decision is based on a specimen not part of the original protologue. Brieger and Hunt state that ". . . it is known that Lindley received material from Ruiz and Pavón (Rchb. f. in Bonplandia 4: 210. 1856) and therefore this specimen could be considered to be at least an isotype of *M. platypetala*." This argument would be justifiable were it not for Lindley who stated in Hooker, Jour. Bot. 1: 13. 1834, and in his Genera and Species of Orchidaceous Plants 143. Dec. 1832, that his only specimen was collected by Colonel Hall (*hab. s. sp. comm. cel. Hooker*).

On the other hand, of the 16 species originally assigned to *Maxillaria*, most of which are referable to other genera, there still exists an actual specimen of *Maxillaria ramosa* in the Delessert Herbarium in Geneva, which is part of the original protologue; this was pointed out by Garay in Bot. Mus. Leaf. Harvard Univ. 21: 259. Apr. 28, 1967. Since this is the only Pavón material which corresponds to *Maxillaria* as it has been used in systematics and horticulture for the last 150 years, it must be chosen as the lectotype for the genus.

Mesadenella Pabst & Garay in Arquiv. Jard. Bot. Rio de Janeiro 12: 205. 1952.

LECTOTYPE: *Spiranthes esmeraldae* Linden & Rchb. f.

OBSERVATION: Lectotype was chosen by Correa in Darwiniana 11: 68. 1955.

This is a synonym of *Spiranthes* L. C. Rich.

Mesadenus Schltr. in Beih. Bot. Centralbl. 37(2): 367. Mar. 31, 1920.

LECTOTYPE: *Spiranthes Galeottiana* A. Rich.

OBSERVATION: Lectotype was chosen by Britton & Wilson, Sci. Surv. Porto Rico 5(2): 186. 1924. This is a synonym of *Spiranthes* L. C. Rich.

Microstylis (Nutt.) Eaton, Man. Bot. ed. 3. 115, 353. Apr. 1822.

TYPE: *Malaxis ophioglossoides* Willd.

OBSERVATION: This generic name was conserved in 1954. It is a synonym of *Malaxis* Soland. ex Sw.

Myrmecophila Rolfe in Orch. Rev. 25: 50. Mar. 1917.

TYPE: *Schomburgkia tibicinis* Batem.

OBSERVATION: This is a synonym of *Schomburgkia* Lindl.

Myrobroma Salisb. Parad. Londin. 2: t. 82. Sept. 1, 1807.

TYPE: *Epidendrum rubrum* Lamarck.

OBSERVATION: This is a synonym of *Vanilla* Plum. ex Mill.

Narica Raf. Fl. Tellur. 2: 87. Jan.–Mar. 1837.

TYPE: *Neottia acaulis* J. E. Sm.

OBSERVATION: This is a synonym of *Spiranthes* L. C. Rich.

Neocogniauxia Schltr. in Urban, Symb. Antill. 7: 495. Aug. 15, 1913.

TYPE: *Trigonidium monophyllum* Griseb.

Neourbania Fawcett & Rendle in Jour. Bot. 47: 125. Apr. 1909.

TYPE: *Ponera adendrobium* Rchb. f.

Nerissa Raf. Fl. Tellur. 2: 89. Jan.–Mar. 1837.

TYPE: *Neottia glandulosa* Sims.

OBSERVATION: This is a superfluous name and a synonym of *Ponthieva* R. Br.

Nidema Britton & Millspaugh, Bahama Flora 94. June 26, 1920.

TYPE: *Epidendrum Ottonis* Rchb. f.

OBSERVATION: This is a synonym of *Epidendrum* L.

Ocampoa Rich. & Gal. in Ann. Sci. Nat. ser. 3. 3: 31. Jan. 1845.

TYPE: *Ocampoa mexicana* Rich. & Gal.

OBSERVATION: This is a synonym of *Cranichis* Sw.

Octadesmia Benth. in Benth. & Hook. Gen. Pl. 3: 525. Apr. 1883.

TYPE: *Octomeria serratifolia* Hook.

OBSERVATION: This is a synonym of *Dilomilis* Raf.

Octomeria R. Br. in Ait. Hort. Kew. ed. 2. 5: 211. Dec. 1813.

TYPE: *Epidendrum graminifolium* L.

Odontoglossum H. B. K. Nov. Gen. et Sp. Pl. 1: 350. Aug. 1816.

TYPE: *Odontoglossum epidendroides* H. B. K.

Olgasis Raf. Fl. Tellur. 2: 51. Jan.–Mar. 1837.

TYPE: *Cymbidium triquetrum* Sw.

OBSERVATION: This is a synonym of *Oncidium* Sw.

Oncidium Sw. in Vet. Akad. Handl. Stockholm 21: 239. Sept. 1800.

LECTOTYPE: *Oncidium variegatum* Sw.

OBSERVATION: Lectotype was chosen by Garay in Taxon 19: 444. 1970. This choice corresponds to the guidelines provided in the *International Code of Botanical Nomenclature* for the selection of lectotypes, for this is the only species which Swartz illustrated in detail when he described the genus, and of which the holotype also exists in the British Museum (Nat. Hist.). The choice of *Epidendrum altissimum* Jacq. by Pfeiffer in his Nomencl. Bot. 2: 497. 1874 is inappropriate for *Oncidium (Epidendrum) altissimum* (Jacq.) Sw. has been thoroughly misapplied up to the present time. (See Garay & Sweet in Jour. Arnold Arb. 53: 394, 395. 1972). The choice of *Epidendrum carthagenense* Jacq. by Britton & Wilson, Bahama Flora 97. 1920, is rejected here because no material of the holotype exists.

Onkeripus Raf. Fl. Tellur. 4: 42. (July) 1838.

TYPE: *Maxillaria pallidiflora* Hook.

OBSERVATION: This is a synonym of *Xylobium* Lindl.

- Ornithidium* Salisb. ex R. Br. in Ait. Hort. Kew. ed. 2. 5: 210. Dec. 1813.
 TYPE: *Epidendrum coccineum* L.
 OBSERVATION: The type was suggested by Salisbury in Trans. Hort. Soc. 1: 293. 1812. This is a synonym of *Maxillaria* Ruíz & Pav.
- Ornithocephalus* Hook. Exot. Fl. 2: t. 127. Oct. 1824.
 TYPE: *Ornithocephalus gladius* Hook.
- Pelexia* Poit. ex Lindl. in Bot. Reg. 12: sub t. 985. June 1, 1826.
 TYPE: *Satyrium adnatum* Sw.
 OBSERVATION: This generic name was conserved in 1935. It is a synonym of *Spiranthes* L. C. Rich.
- Pentulops* Raf. Fl. Tellur. 4: 42. (July) 1838.
 TYPE: *Maxillaria decolor* Lindl.
 OBSERVATION: This is a synonym of *Xylobium* Lindl.
- Physurus* L. C. Rich. ex Lindl. Gen. and Sp. Orch. Pl. 501. Sept. 1840.
 LECTOTYPE: *Orchis plantaginea* Willd.
 OBSERVATION: Lectotype was chosen by Britton & Millspaugh, Bahama Flora 87. 1920. It is a synonym of *Erythrodes* Bl.
- Pinelia* Lindl. Folia Orch. Pinelia 1. Apr. 30. 1853.
 TYPE: *Pinelia hypolepta* Lindl.
- Platypus* Small & Nash in Small, Fl. SE. U.S. 329. July 1903.
 TYPE: *Platypus papilliferus* Small & Nash.
 OBSERVATION: This is a synonym of *Eulophia* R. Br.
- Platystele* Schltr. in Fedde Repert. Sp. Nov. 8: 565. Nov. 15, 1910.
 TYPE: *Platystele bulbinella* Schltr.
- Pleuranthium* (Rchb. f.) Benth. in Jour. Linn. Soc. Bot. 18: 312. Feb. 21, 1881.
 TYPE: *Epidendrum Dendrobii* Rchb. f.
 OBSERVATION: This is a synonym of *Epidendrum* L.
- Pleurothallis* R. Br. in Ait. Hort. Kew. ed. 2. 5: 211. Dec. 1813.
 TYPE: *Epidendrum ruscifolium* Jacq.
- Polyradicion* Garay in Jour. Arnold Arb. 50: 466. July 15, 1969.
 TYPE: *Angraecum Lindenii* Lindl.
- Polyrrhiza* Pfitz. in Nat. Pflanzenfam. 2(6): 215. Mar. 1889.
 TYPE: *Limodorum funale* Sw.
 OBSERVATION: This is a synonym of *Dendrophylax* Rchb. f.
- Polystachya* Hook. Exot. Fl. 2: t. 103. May 1824.
 TYPE: *Epidendrum minutum* Aubl.
 OBSERVATION: This generic name was conserved in 1905. The correct name of the type species in the genus *Polystachya* is *Polystachya flavescens* (Bl.) J. J. Sm. (See Dunsterville & Garay, Venez. Orch. Ill. 3: 266. 1965).
- Ponera* Lindl. Gen. and Sp. Orch. Pl. 113. Aug. 1831.
 TYPE: *Ponera juncifolia* Lindl.

Ponthieva R. Br. in Ait. Hort. Kew. ed. 2. 5: 199. Dec. 1813.

TYPE: *Neottia glandulosa* Sims.

Prescottia Lindl. in Hook. Exot. Bot. 2: t. 115. Aug. 1824.

TYPE: *Prescottia plantaginea* Lindl.

Prosthechea Knowles & Westcott, Fl. Cab. 2: 111. Sept. 1838.

TYPE: *Prosthechea glauca* Knowles & Westcott.

OBSERVATION: This is a synonym of *Epidendrum* L.

Pseudocentrum Lindl. in Jour. Linn. Soc. 3: 64. Aug. 20, 1858.

TYPE: *Pseudocentrum macrostachyum* Lindl.

Pseudogodyera Schltr. in Beih. Bot. Centralbl. 37(2): 369. Mar. 31, 1920.

TYPE: *Goodyera Wrightii* Rchb. f.

OBSERVATION: This is a synonym of *Spiranthes* L. C. Rich.

Psilochilus Barb. Rodr. Gen. et Sp. Orch. Nov. 2: 272. 1882.

TYPE: *Psilochilus modestus* Barb. Rodr.

Pterichis Lindl. Gen. and Sp. Orch. Pl. 444. Sept. 1840.

TYPE: *Pterichis galeata* Lindl.

Pteroglossaspis Rchb. f. Otia Bot. Hamb. pt. 1: 67. Apr. 1878.

TYPE: *Pteroglossaspis eustachya* Rchb. f.

Reichenbachanthus Barb. Rodr. Gen. et Sp. Orch. Nov. 2: 164. 1882.

TYPE: *Reichenbachanthus modestus* Barb. Rodr.

Rhynchadenia A. Rich. in Sagra, Hist. Isla Cuba 11: 248. 1841.

TYPE: *Rhynchadenia cubensis* A. Rich.

OBSERVATION: This is a synonym of *Macradenia* R. Br.

Rodriguezia Ruíz & Pav. Fl. Peru. Prodr. 115. Oct. 1794.

LECTOTYPE: *Rodriguezia lanceolata* Ruíz & Pav., *in hoc loco*.

OBSERVATION: Lectotype is chosen here. The holotype of *R. lanceolata* is in the Reichenbach Herbarium in Vienna, and it closely matches the illustrations provided by Ruíz and Pavón, part of the original protologue. Reichenbach already noted this similarity in Bot. Zeit. 10: 772. 1852.

Rodrigueziopsis Schltr. in Fedde Repert. Sp. Nov. 16: 427. July 31, 1920.

LECTOTYPE: *Rodrigueziopsis eleutherosepala* Barb. Rodr., *in hoc loco*.

OBSERVATION: Lectotype is chosen here. Of the two equally characteristic species referred to this genus by Schlechter, *R. eleutherosepala* is the more common one and specimens referable to it are widely distributed in herbaria. The holotype is Barbosa Rodrigues' original drawing.

Sacoila Raf. Fl. Tellur. 2: 86. Jan.-Mar. 1837.

TYPE: *Neottia aphylla* Hook.

OBSERVATION: This is a synonym of *Spiranthes* L. C. Rich.

Sarcoglottis Presl, Rel. Haenk. 1: 95. 1827.

TYPE: *Sarcoglottis speciosa* Presl.

OBSERVATION: This is a synonym of *Spiranthes* L. C. Rich.

Sauroglossum Lindl. in Bot. Reg. 19: t. 1618. Oct. 1, 1833.

TYPE: *Sauroglossum elatum* Lindl.

OBSERVATION: This is a synonym of *Spiranthes* L. C. Rich.

Scaphyglottis Poepp. & Endl. Nov. Gen. ac Sp. Pl. 1: 58. May 28, 1836.

LECTOTYPE: *Fernandezia graminifolia* Ruiz & Pav., in hoc loco.

OBSERVATION: Lectotype is chosen here. The holotype is in the Herbarium of Jardín Botánico, Madrid. The choice of *Scaphyglottis parviflora* Poepp. & Endl. by Pfeiffer, Nomencl. Bot. 2: 1068. 1874 is untenable because this epithet was transferred to *Maxillaria* by Garay in Bot. Mus. Leaflet, Harvard Univ. 21: 258. 1967.

Schomburgkia Lindl. Sert. Orch. t. 10. Apr. 1, 1838.

TYPE: *Schomburgkia crispa* Lindl.

Seraphyta Fischer & Meyer in Bull. Sci. Acad. St. Pétersb. 7: 24. Mar. 10, 1840.

TYPE: *Epidendrum diffusum* Sw.

OBSERVATION: This is a synonym of *Epidendrum* L.

Spathiger Small, Fl. Miami 55. Apr. 26, 1913.

TYPE: *Epidendrum rigidum* Jacq.

OBSERVATION: This is a synonym of *Epidendrum* L.

Specklinia Lindl. Gen. and Sp. Orch. Pl. 8. Apr. 1830.

LECTOTYPE: *Epidendrum lanceola* Sw., in hoc loco.

OBSERVATION: Lectotype is chosen here because this species is the one which most approximates the generic characters given by Lindley: "labellum petalis conforme," "sepalis liberis, basi saccatis." The holotype is in the British Museum (Nat. Hist.). This is a synonym of *Pleurothallis* R. Br.

Spiranthes L. C. Rich. Orch. Eur. Annot. 20. Sept. 1817.

LECTOTYPE: *Ophrys spiralis* L.

OBSERVATION: Lectotype was chosen by Pfeiffer, Nomencl. Bot. 2(2): 1238. 1874, and was conserved in 1930. The choice of *Spiranthes aestivalis* L. C. Rich. by Correll in Fl. Texas 3(3): 169. 1944, is inappropriate. This generic name was conserved in 1905.

Stelis Sw. in Schrad. Jour. Bot. 2: 239. Apr. 1800.

LECTOTYPE: *Humboldtia purpurea* Ruiz & Pav., in hoc loco.

OBSERVATION: When Swartz established the genus *Stelis*, he explicitly stated its characters are those given for *Humboldtia* Ruiz & Pav. At the same time he also noted that the generic name *Humboldtia* was previously used by Vahl. Therefore, *Stelis* is merely a new name for *Humboldtia* Ruiz & Pav., and the lectotype for it must be chosen from among the eleven specific epithets provided by Ruiz and Pavón in their *Systema Vegetabilium*. We have found five *Humboldtia* species which are definitely referable to *Stelis*, and of these only *Humboldtia purpurea* exhibits the characters depicted by Ruiz and Pavón on plate 27 for *Humboldtia*; these drawings are part of the original protologue. The holotype of *Humboldtia purpurea* is in the herbarium of Jardín Botánico, Madrid; duplicates are in the Reichenbach Herbarium, Vienna, and in the Willdenow Herbarium, Berlin.

The generic name *Stelis* was conserved in 1905, although, as Stafleu has

shown in *Taxon* 8: 258. 1959, the conservation was superfluous at that time. In 1929, *Epidendrum ophioglossoides* Jacq. was selected as the lectotype by Green in *Prop. Brit. Bot.* p. 100, and this typification was conserved in 1930. Unfortunately, *Epidendrum ophioglossoides* is based on Plumier's polynomial of 1703 as well as on Plumier's drawing of it published subsequently by Burmann in 1759. A closer examination of Plumier's drawing reveals at once that it is referable to the genus *Pleurothallis* R. Br. as we understand it, and is conspecific with *Pleurothallis floribunda* (Lindl.) Lindl.

The above proposed retypification of *Stelis* is necessary to prevent a mass transfer of some 1,000 specific epithets from *Pleurothallis* which is inevitable if the old typification is maintained.

Stellilabium Schltr. *Die Orchideen* 530. Nov. 28, 1914.

TYPE: *Telipogon astroglossus* Rchb. f.

Stenoptera Presl, *Rel. Haenk.* 1: 95. 1827.

TYPE: *Stenoptera peruviana* Presl.

Stenorrhynchos L. C. Rich. ex Spreng. *Syst. Veg.* 3: 677. Jan.–June 1826.

LECTOTYPE: *Neottia speciosa* Jacq.

OBSERVATION: Lectotype was chosen by Britton & Millspaugh, *Bahama Flora* 86. 1920. The choice of *Satyrium orchioides* Sw. as lectotype by Correa in *Darwiniana* 11: 70. 1955 is incorrect. Regarding orthography see Sprague in *Kew Bull.* 243. 1929. This is a synonym of *Spiranthes* L. C. Rich.

Sturmia Rchb. *Icon. Bot. Pl. Critic.* 4: 39. 1826.

TYPE: *Ophrys Loeselii* L.

OBSERVATION: This is a synonym of *Liparis* L. C. Rich.

Tetragamestus Rchb. f. in *Bonplandia* 2: 21. Jan. 15, 1854.

LECTOTYPE: *Tetragamestus aureus* Rchb. f.

OBSERVATION: Lectotype was chosen indirectly by Reichenbach in *Linnaea* 41: 85. 1876, when he transferred *T. modestus* to *Ponera*. The choice of *Scaphyglottis arundinacea* H. Petrop. by Pfeiffer, *Nomencl. Bot.* 2(2): 1373. 1874 is not correct, for this latter species is not part of the original protologue. This is a synonym of *Scaphyglottis* Poepp. & Endl.

Tetramicra Lindl. *Gen. and Sp. Orch. Pl.* 119. Aug. 1831.

TYPE: *Cymbidium rigidum* Willd.

Thiebautia Colla in *Mem. Soc. Linn. Paris* 3: 161. 1824.

TYPE: *Limodorum purpureum* Lamarck.

OBSERVATION: This is a synonym of *Bletia* Ruiz & Pav.

Todaroa Rich. & Gal. in *Ann. Sci. Nat. ser. 3.* 3: 28. Jan. 1845, not Parlatore 1843.

TYPE: *Todaroa micrantha* Rich. & Gal.

OBSERVATION: This is a synonym of *Campylocentrum* Benth.

Trachelosiphon Schltr. in *Beih. Bot. Centralbl.* 37(2): 423. Mar. 31, 1920.

LECTOTYPE: *Stenorrhynchus actinosophila* Barb. Rodr.

OBSERVATION: Lectotype was chosen by Acuña in *Bol. Tec. Cuba* 60: 43. 1939.

This is a synonym of *Eurystyles* Wawra.

Trichopilia Lindl. Nat. Syst. Bot. ed 2. 446. May 1836.

TYPE: *Trichopilia tortilis* Lindl.

Trigonidium Lindl. in Bot. Reg. 23: t. 1923. Jan. 1, 1837.

TYPE: *Trigonidium obtusum* Lindl.

Triorchos Small & Nash in Small, Fl. SE. U.S. 329. July 1903.

TYPE: *Cyrtopodium ecristatum* Fern.

OBSERVATION: This is a synonym of **Pteroglossaspis** Rchb. f.

Triphora Nutt. Gen. N. Am. Pl. 2: 192. June 1818.

TYPE: *Arethusa trianthophora* Sw.

Tritelandra Raf. Fl. Tellur. 2: 85. Jan.–Mar. 1837.

TYPE: *Epidendrum secundum* Jacq.

OBSERVATION: This is a synonym of **Epidendrum** L.

Tropidia Lindl. in Bot. Reg. 19: sub t. 1618. Oct. 1, 1833.

TYPE: *Tropidia curculigoides* Lindl.

OBSERVATION: The type was suggested by Lindley in Wallich's Catalogue No. 7386. 1832.

Tylochilus Nees in Verh. Gartenb. Gesellsch. Berlin 8: 194. t. 3. 1832.

TYPE: *Tylochilus flavus* Nees.

OBSERVATION: This is a synonym of **Cyrtopodium** R. Br.

Ulantha Hook. in Bot. Mag. 57: sub t. 2990. June 1, 1830.

TYPE: *Neottia grandiflora* Hook.

OBSERVATION: This is a synonym of **Chloraea** Lindl.

Vanilla Plum. ex Mill. Gard. Dict. abridged ed. 4. 3: without page number. Jan. 28, 1754.

LECTOTYPE: *Epidendrum Vanilla* L.

OBSERVATION: Lectotype was chosen by Britton & Millspaugh, Bahama Flora 83. 1920. The correct name of the type is *Vanilla mexicana* Mill. (See Mansfeld in Kulturpfl. Beih. 2: 587. 1959.)

Warczewiczella Rchb. f. in Bot. Zeit. 10: 635. Sept. 10, 1852.

LECTOTYPE: *Warrea discolor* Lindl.

OBSERVATION: Lectotype was chosen by Britton & Wilson, Sci. Surv. Porto Rico 5(2): 214. 1924. This is a synonym of **Cochleanthes** Raf.

Wullschlaegelia Rchb. f. in Bot. Zeit. 21: 131. Apr. 17, 1863.

TYPE: *Cranichis aphylla* Sw.

Xeilyathum Raf. Fl. Tellur. 2: 62. Jan.–Mar. 1837.

TYPE: *Epidendrum altissimum* Jacq.

OBSERVATION: This is a synonym of **Oncidium** Sw.

Xylobium Lindl. in Bot. Reg. 11: sub t. 897. July 1, 1825.

TYPE: *Dendrobium squalens* Lindl.

ORCHID HERBARIUM OF OAKES AMES

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